Problem on Recursion: Climbing Staircase

You are asked to program this method:

public int climb(**int** h, **int** n)

The return value suggests the number of possible ways
for climbing a stair of height h, while each climb is up to n steps.
Assumptions: n ≤ h, each climb takes <u>at least</u> 1 step

e.g., climb(4, 2) returns 5, meaning that there are 5 ways
for climbing a stair of height 4 and each climb takes up to 2 steps.
1. 1 step, 1 step, 1 step, 1 step
2. 1 step, 1 step, 2 steps
3. 1 step, 2 steps, 1 step
4. 2 steps, 1 step, 1 step
5. 2 steps, 2 steps